

CP 1634

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Dean L. Engelhardt et al.

Serial No. 08/486,069 Group Art Unit: 1634

Filed: June 7, 1995 Examiner: Ardin H. Marschel, Ph.D.

Title: **PROCESS FOR NUCLEIC ACID HYBRIDIZATION
DETECTION, NUCLEIC ACID SEQUENCING AND
CHROMOSOMAL CHARACTERIZATION (As Amended)**

FILED BY EXPRESS MAIL

Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

Sir:

Transmitted herewith is Applicants' Fifth Supplemental Amendment (Following Applicants' May 1, 1999 Fourth Supplemental Amendment, Their March 29, 1999 Third Supplemental Amendment, Their February 2, 1999 Second Supplemental Amendment, Their July 24, 1998 Supplemental Response And Their July 6, 1998 Amendment Under 37 C.F.R. § 1.116 in the above-identified patent application.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total	249	Minus	249	=0	X18.00	\$ 0
Indep	0	Minus	0	=0	X78.00	\$ 0
()	First Presentation of Multiple Dependent Claims				+270.00	\$ 0
	TOTAL ADDITIONAL FEE					\$ 0

() Charge Deposit Account No. 05-1135 in the amount of \$0.00

() A check in the amount of \$_____ is attached.

(X) The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 05-1135 any filing fees under 37 C.F.R. §1.16 for the presentation of extra claims and any patent application processing fees under 37 C.F.R. §1.17.


Copies are being provided in triplicate.

Also enclosed: N/A

May 7, 1999

Date

Respectfully submitted,



Ronald C. Fedus

Registration No. 32,567

Attorney for Applicant(s)

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Attorney's Docket No.: Enz-5(D8)(C2)

EXPRESS MAIL CERTIFICATE

"Express Mail" Label No. EL369155464US

Deposit Date MAY 7, 1999

I hereby certify that this paper and the attachments herein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington DC 20231


Ronald C. Fedus
Reg. No. 32,567

MAY 7 99
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

37/1
B. Webb
5/23/99

Applicant(s): Engelhardt et al.

Serial No.: 08:486,069

Group Art Unit: 1634

Filed: June 7, 1995

Examiner: Ardin H. Marschel, Ph.D.

For: PROCESSES FOR NUCLEIC ACID
HYBRIDIZATION DETECTION NUCLEIC
ACID SEQUENCING AND CHROMOSOMAL
CHARACTERIZATION (As Amended)

527 Madison Avenue (9th Floor)
New York, New York 10022
May 7, 1999

FILED BY EXPRESS MAIL

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

FIFTH SUPPLEMENTAL AMENDMENT
(FOLLOWING APPLICANTS' MAY 1, 1999 FOURTH SUPPLEMENTAL
AMENDMENT, THEIR MARCH 29, 1999 THIRD SUPPLEMENTAL
AMENDMENT, THEIR FEBRUARY 2, 1999 SECOND SUPPLEMENTAL
AMENDMENT, THEIR JULY 24, 1998 SUPPLEMENTAL RESPONSE AND
THEIR JULY 6, 1998 AMENDMENT UNDER 37 C.F.R. §1.116)

Dear Sirs:

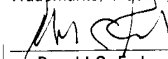
In connection with their above-identified application, Applicants are submitting this Fifth Supplemental Amendment which follows their May 1, 1999 Fourth Supplemental Amendment.. No fee is believed due for this Fifth Supplemental Amendment, a Request For An Extension Of Time (3 months) and extension fee having been filed and authorized concurrently with Applicants' July 6, 1998 Amendment Under 37 C.F.R. §1.116.

EXPRESS MAIL CERTIFICATE

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Deposit Date May 7, 1999

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Ronald C. Fedus
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Date